



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

12022

D4821-1

Job Sheet 189334



Part No: D4821-1

Job Qty: 1 ea

Part Name: Windshield Deflector



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 1/22/19

Job Tracking No:

Due Date: 3/18/19

Created By: Dara Macdonald

Type: SOLD

Description:

Note: DWG REV B IPP REV: A NEW ISSUE 13/04/25 JFS VERIFY BY: JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Purchasing	24 pcs		3/18/19	0.00	0.00	Purchasing		JL JAN 29 2019
120	Packaging	1 pcs		3/18/19	0.00	0.00	Packaging2		FEB 11 2019
130	QC	1 pcs		3/18/19	0.00	0.00	QC5		D.R. 19/02/04
131	HandFinish	1 pcs		3/18/19	0.00	0.10	HandFinish4		02-19-02-00
140	Outsource	1 pcs		3/18/19			ATG001-VC	5	MAR 08 2019
150	Packaging	1 pcs		3/18/19	0.00	0.00	Packaging2		MAR 11 2019
152	QC	1 pcs		3/18/19	0.00	0.00	QC14		MAR 11 2019
155	QC	1 pcs		3/18/19	0.00	0.00	QC5		MAR 11 2019
180	Packaging	1 pcs		3/18/19	0.00	0.00	Packaging3-2		MAR 12 2019
190	QC21-SA	1 Ea		3/18/19	0.00	0.00	QC21		MAR 12 2019

Part Op 110 - ISSUE P/O: TO WEEJAY C OF C IS REQUIRED 2- deburr and break all sharp edges

Descriptions: 120 - Receive & Inspect for Damage & Mat'l Certs

130 - QC5- Inspect part completeness to step on W/O

131 - CLEAN AND REMOVE ALL PART MARKING

140 - Issue P/O Hard Anodize, Color Black and Prime as per Dwg D4821 Rev. B

150 - Receive & Inspect for Damage & Mat'l Certs

152 - QC14- Inspect Spray Paint

155 - QC5- Inspect part completeness to step on W/O

180 - Identify as per dwg & Stock Location:

190 - QC21- Final Inspection - Work Order Release

10 042377 x 2 Rln 23 Jan 2019

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D4821-1P	Windshield Deflector	1 pcs (1 ea)	110-Purchasing	5148648
M7075T6B2.750X02.000	7075-T6 Bar 2.750" X 2.000" (Cut Into 51" Pieces)	4.2500 ft (4.25 ea)	110-Purchasing	5029856

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Purchasing	D4821-1P	1	0	0
	M7075T6B2.750X02.000	4	26	0



Container No: S149055



Part: D4821-1

Job No: 189334

Serial No/Batch: S149055

Revision: B

Inspector:

Exp Date:

Instructions: Various STC's

DART Aerospace Ltd.
1270 Aberdeen Street
Howkesbury, ON K6A 1K7
CANADA
TEL.: 1 813 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 01/29/19

NON-CONFORMANCE / ROUTE UPDATE

Route update only ☐



DISPOSITION

Rework ☐
Scrap ☐
Use-as-is ☐

Skid-tube ☐
Machining ☐
Large Fab ☐

Cross tube ☐
Small Fab ☐
Finishing ☐

Eng. (Non-AW) ☐
Prod. Eng. Coord. ☐
Rec/Store/Packaging ☐

Engineering ☐
Water Jet ☐
Supplier ☐
Quality ☐

QTY Affected :

MRB (QSI042)

Description Work Order Deviation

Disposition

Completed By

Lead hand / Supervisor

QC / QA Coordinator

Root Cause

Operator ☐
Manufacturing Process ☐
Equip/Tooling ☐
Handling/Preservation ☐
Material ☐
Product Improvement ☐
Process Improvement ☐
Human Factors ☐

FAULT CATEGORY

☐ Pressure/Forced
☐ Bending
☐ Crushing
☐ Cracks
☐ Crimp/Kink/Ripple/Wave/Twist
☐ Marks/Chatter
☐ Mislabeled

☐ Contamination
☐ Misaligned/off center
☐ BOM/Route
☐ Broken/Damage/Defect
☐ Incomplete/Unclear Instructions
☐ Drill Holes
☐ Fit/Function

☐ Power Loss/Surge
☐ Folio/Program
☐ Grain Direction
☐ Weld
☐ Wrong Stock Pulled
☐ Out of Sequence
☐ Off-set/Set-up

☐ Positioned Wrong
☐ Outside Tolerance
☐ Drawing
☐ Finish
☐ Part Lost/Missing
☐ Misread

Other/Details:

Part Specifications

Specifications could not be found.

Plex 1/22/19 3:19 PM Dart.Macdonald.Dara

Entered: _____ Date: _____

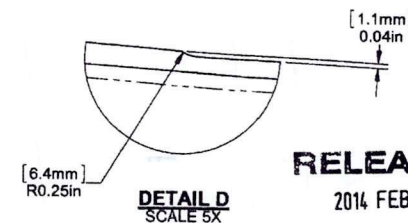
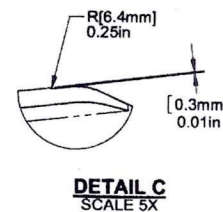
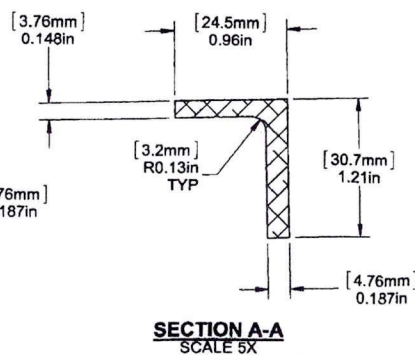
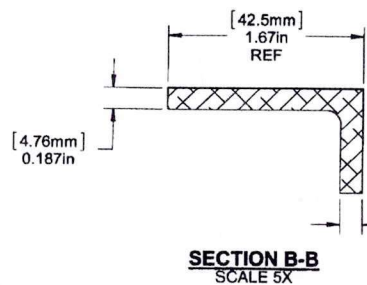
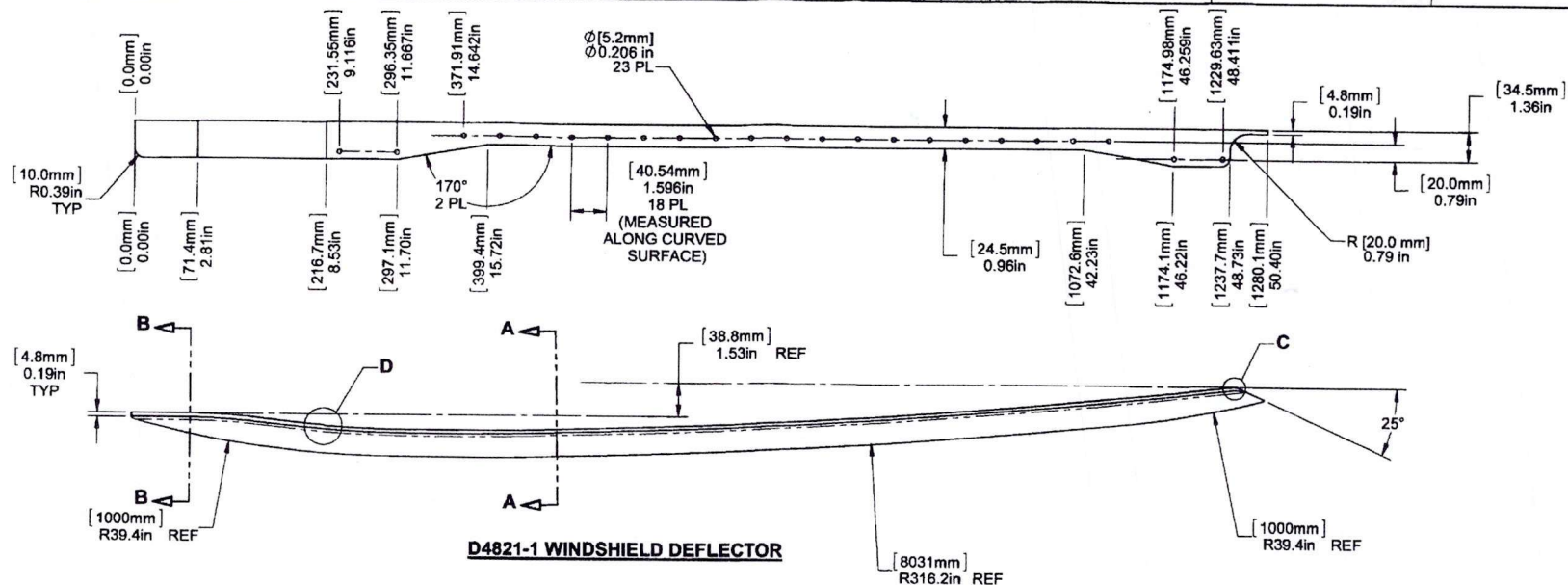


WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					



RELEASED
2014 FEB 25
BEN 14-516

NOTES:

- 1) MATERIAL: 7075-T6 (OR T651/T6510/T6511/T62) ALUMINUM BAR PER AMS-QQ-A-225/9 (OR AMS 4122/4123/4186/4187) OR PER AMS-QQ-A-200/11 (REF DART SPEC. M7075T6B)
- 2) FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK, PRIME IAW MIL-P-23377J TYPE I CLASS N; 1-2 MIL MAX, AS PER QSI 005.
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4821-1", AGUSTA WESTLAND P/N "TBD", REVISION, BATCH NUMBER AND DATE OF MANUFACTURE, USING AN X-TENSION STAMP, PER QSI 044 METHOD 6.2
- 7) WEIGHT: 1.93 lbs (0.88 kgs)
- 8) PART DIMENSIONS CONTROLLED BY CAD MODEL FILE: D4821-1-b.IGES (or D4821-1-b.STEP)

B	DRAWING REVISED TO NEW CUSTOMER CAD DATA, RIVET HOLES ADDED	DB	14.02.04
A	NEW RELEASE	DB	13.05.22
REV.	DESCRIPTION	BY	DATE
DESIGN	DB		
DRAWN	DB		
CHECKED	AP		
MFG. APPR.	EPDMA		
APPROVED	HS		
DE APPR.	DS		
DATE	14.02.04		

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. D4821	REV. B
TITLE WINDSHIELD DEFLECTOR	SHEET 1 OF 1
SCALE NTS	

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Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO042377



Supplier: WEJ001-VC
Wejay Machine Products Co. Ltd
600 O'Connor Drive
Kingston
ON
K7P 1N3 Canada
Phone: 613-384-1662
Fax: 613-384-2997

PO No: PO042377
PO Date: 1/23/19
Due Date: 1/28/19
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Lussier, Patrick

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: Net 60
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	189334	D4821-1P			Windshield Deflector : Various STC's As per Dwg D4821 Rev. B	Firmed	-	1/28/19	2 pcs	0 pcs	2 pcs	\$1,095.00/pcs	\$2,190.00
2	189400	D4821-1P			Windshield Deflector : Various STC's As per Dwg D4821 Rev. B	Firmed	-	3/18/19	4 pcs	0 pcs	4 pcs	\$1,095.00/pcs	\$4,380.00

Grand Total: \$6,570.00

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Procurement Quality Clauses
A005 RIGHT OF ENTRY
A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)
A012 CHEMICAL AND PHYSICAL TEST REPORTS
A016 PERSONNEL QUALIFICATION
A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENT

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Plex 1/23/19 3:14 PM dart.Lussier.Patrick



Packing Slip 39407

600 O'CONNOR DRIVE, KINGSTON, ONTARIO K7P 1N3
TEL: 613-384-1662 FAX: 613-384-2997
www.wejay.com

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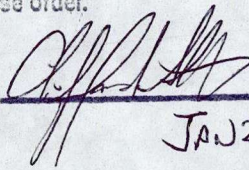
Dart Aerospace
1270 Aberdeen Street
Hawkesbury ON K6A 1K7

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Dart Aerospace
1270 Aberdeen Street
Hawkesbury ON K6A 1K

Attn: Robert Aboud - Dir

INVOICE DATE		YOUR ORDER NO. 042377 ✓		DATE ORDERED 01/23/19		SHIPPED VIA Best way	
CUSTOMER CODE DART		PROV. LIC. NO.		Extra ☐ Exempt ☐		TERMS	
QUANTITY ORDERED	B.O.	QUANTITY SHIPPED	DESCRIPTION			UNIT PRICE	AMOUNT
2	0	2 ✓	Windshield deflector as per drawing D4821Rev. B Part number: D4821-1P Job: 189334 Required by: January 28, 2019				DAS 68 9-89
4	4	0	Windshield deflector as per drawing D4821Rev. B Part number: D4821-1P Job: 189400 Required by: March 18, 2019				
RELEASE NOTE I certify that the items listed hereon have been inspected and tested and conform to all specifications and requirements in the contract or purchase order. Inspection Supervisor <u></u>  H.S.T. JAN 25/19							

ORDER: COMPLETE ☐
PARTIAL ☐

TOTAL

RECEIVED BY _____
1.5% PER MONTH (18% PER ANNUM)
CHARGED ON OVERDUE ACCOUNTS

NO GOODS RETURNED WITHOUT
PRIOR AUTHORIZATION



600 O'CONNOR DRIVE, KINGSTON, ONTARIO K7P 1N3

PHONE: (613) 384-1662

FAX: (613) 384-2997

CERTIFICATE OF COMPLIANCE

CUSTOMER: DART Aerospace		DATE: Jan 25, 2019 ✓	
		P.O.# 042377 line 1 ✓	
		WEJAY JOB# 39407	
I hereby certify that the following material has been inspected/tested and conforms to the requirements and specifications as stated in your contract and as noted below.			
PART NO.	QTY.	PROCESS (ES)	SPECIFICATION / REV
D4821-1P ✓ 'Windshield Deflector' Job# 189334 ✓	✓ 2	Machined complete per drawing req'ts.	D4821 / Rev. B DAS 68 9-89
Note: Material supplied by DART Aerospace.			

Records of Inspection/Test will be retained for 5 years minimum.

Sincerely,

Clifford Smith
Authorized Q.A. Signatory



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO042521



Supplier: ATG001-VC
A.T.G. Industries Inc
731 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalonde, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO042521
PO Date: 2/6/19
Due Date: 2/15/19
**Purchase Order
Revision:**
Revision Date:
Ship-To Contact: Tsimiklis, ChrisoulaPhone:

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	187099	646.3812	Gusset Bracket Issue P/O to ATG: AS PER MPP- 172 SECTION 2.1, HARD ANODIZE COLOR BLACK, PER IAW MIL-A- 8625 TYPE 3 CLASS 2 AS PER MPP- 172 SECTION 4.3, PRIME CARDINAL 7760-4702 LOW VOC EPOXY PRIMER (LIGHT GRAY) Certification of Conformity is required	Firmed	-	2/15/19	20 pcs 22	0 pcs	20 pcs	\$5.47/pcs	\$109.40
22 X FEB 14 2019											
2	186414	D4726-1	Handle : Various STC's Outsource4 (Outsource process-Anodize per QSI017 4.1.10.1)	Firmed	-	2/15/19	20 pcs	0 pcs	20 pcs	\$4.87/pcs	\$97.40
20 X FEB 14 2019											

Line Item Note ** Asap **

Line Item Note ** ASAP **



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO042521



Items											
Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
3	189327	D4703-043	Lock Pin Base : Various STC's Issue P/O to ATG: HARD ANODIZE COLOR BLACK, As Per Dwg D4703	Firmed	-	2/15/19	10 pcs	0 pcs	10 pcs	\$4.87/pcs	\$48.70
							10x	FEB 14 2019			
4	189334	D4821-1	Windshield Deflector : Various STC's Issue P/O: Hard Anodize, Color Black and Prime as per Dwg D4821 Rev. B	Firmed	-	2/15/19	2 pcs	0 pcs	2 pcs	\$40.42/pcs	\$80.84
							2x	MAR 08 2019			
5	188305	646.3713	Gusset Issue P/O to ATG : Hard Anodize, Color Black and Prime as per Dwg 646.3700	Firmed	-	2/15/19	16 pcs	0 pcs	16 pcs	\$11.92/pcs	\$190.72
							16x	FEB 14 2019			
6	172216-A	RB T103147- 101	Holding Fixture -Issue P/O : -ANODIZE COLOR CLEAR, PER IAW MIL-A- 8625F TYPE 2 CLASS 1, - Certificate of Conformity is required	Firmed	-	2/15/19	1 pcs	0 pcs	1 pcs	\$52.17/pcs	\$52.17
							1x	FEB 14 2019			
Grand Total:											\$579.23



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO042521



Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 2/12/19 10:47 AM dart.tsimiklis.chrisoula



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 917405

Date: 08-Mar-19

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Chrisoula Tsimiklis
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
2 each	Part: D4821-1 Windshield Deflector Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0001-.0002" (1 - 2 mils) per drawing. Job: 24613	Rev: B	PO: PO042521 Line: 4
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>MAR 08 2019</u> Certified Signature: _____ Receiver Signature: _____ A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.			

Made in Canada.